



January 10, 2013  
Project No. 8128.01.08

Mr. Dana Bayuk  
Oregon Department of Environmental Quality  
2020 SW 4th Avenue  
Portland, Oregon 97201-4987

Re: Monthly Progress Report—December 2012  
Siltronic Corporation  
7200 NW Front Avenue, Portland, OR  
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is December 1, 2012, through December 31, 2012. The next report is due February 10, 2013.

The report organization follows that of the previous progress reports.

## **ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT**

### **Communications and Submittals**

On December 5 and 17, MFA met with DEQ and representatives of NW Natural regarding the Gasco/Siltronic source control measures (SCMs).

### **Fieldwork**

Groundwater monitoring continued through December consistent with the revised monitoring program. During December, Siltronic provided access to representatives of NWN for field work as requested.

Measurements of dense, non-aqueous phase liquid (DNAPL, from former manufactured gas plant (MGP) operations) were collected in December.

Combustible gas measurements were collected from selected soil vapor sampling points in December.

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### **Actions to Be Taken in the Next Two Months**

Performance monitoring consistent with the revised performance monitoring program will continue in February.

MFA recommended discontinuing soil vapor sampling, and DEQ is reviewing this recommendation. Due to the cost and lead time required to order Summa vapor sampling containers, MFA will wait to schedule an additional sampling event pending DEQ comments.

### **TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT**

Some of the data collected through the December 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. Please note that the revised monitoring program adjusts the number of wells sampled at the riverbank, such that continued calculation of mass flux cannot be performed consistent with DEQ's comments on the PMP.

The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (December 31, 2012). The data continue to indicate successful dechlorination of TCE and its degradation products. Due to the revisions in the monitoring programs, MFA will recommend changes to the content and format of future electronic deliverables to reduce redundant data reporting.

### **PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT**

No additional problems were experienced.

Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG  
Senior Hydrogeologist



Ted Wall, PE  
Oregon Operations Director

Attachments: MS Excel file (electronic only)

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cc: Myron Burr, Siltronic Corporation  
Alan Gladstone, Davis Rothwell Earle and Xochihua  
Chris Reive, Jordan Schrader Ramis  
Jim Anderson, DEQ  
Kristine Koch, EPA  
Sean Sheldrake, EPA Seattle  
Rene Fuentes, EPA Seattle  
Chip Humphrey, EPA Portland  
Lance Peterson, CDM  
Bob Wyatt, NW Natural  
Patty Dost, Pearl Legal Group LLC  
John Edwards, Anchor QEA LLC  
Carl Stivers, Anchor QEA LLC  
Rob Ede, Hahn and Associates, Inc.  
Tom Gainer, DEQ  
Henning Larsen, DEQ  
Matt McClincy, DEQ